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ARMSTRONG
LABORATORY

ENVIRONMENTAL SAMPLING SURVEY,
Thule AB, Greenland

Nancy S. Miller, 1Lt, USAF, BSC

OCCUPATIONAL AND ENVIRONMENTAL
HEALTH DIRECTORATE
Brooks Air Force Base, TX 78235-5000

August 1991

Final Report for Period 13-22 August 1990

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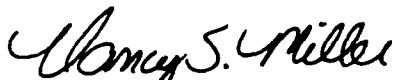
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NANCY S. MILLER, 1Lt, USAF, BSC
Consultant, Hazardous Waste



EDWARD F. MAHER, Lt Col, USAF, BSC
Chief, Bioenvironmental Engineering
Division

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ENVIRONMENTAL SAMPLING SURVEY THULE AB, GREENLAND

INTRODUCTION

On 16 April 1990, Peterson Air Force Base CO requested through HQ AFSPACECOM/SGB that the Air Force Occupational and Environmental Health Laboratory, Hazardous Waste Function (AFOEHL/EQH)* perform an Environmental Sampling Survey at Thule Air Base, Greenland. The scope of the survey was to sample, analyze, and determine the appropriate disposition of approximately 1,000 drums containing unknown materials.

The survey was conducted by 1Lt Nancy Hedgecock, MSgt Arie Vaughan, TSgt Michael Wantland, SSgt Gary Beaudette, Sgt Jeff MacDonald, and Ann Christopher Feagin from 13-22 Aug 90.

DISCUSSION

Base Description

Thule AB is located in a coastal valley situated at the head of North Star Bay in northwest Greenland. The air base is approximately halfway between the Arctic Circle and the North Pole and along the most direct aerial route from European Russia to the United States. Thule AB is part of the U.S. Air Force, Space Command, operations. The primary mission at Thule AB belongs to the Ballistic Missile Early Warning System (BMEWS). The base is primarily run by two Danish contractors, Felec Services, Inc. (FSI) and Greenland Contractors (GC). Approximately 150 U.S. Air Force military personnel are assigned to Thule AB.

Background

In December 1989, AFSPACECOM personnel identified approximately 1,000 drums containing unknown materials located throughout Thule AB. Base personnel were not sure what the drums contained or how long they had been there. The "Home Rule Agreement" between the United States and Denmark states that "when Thule AB closes, the land will be left in its original state." Therefore, AFSPACECOM decided it would be beneficial to identify the waste and properly dispose of it before closing Thule AB. There are tentative plans for closing Thule AB in the future.

*The Air Force Occupational and Environmental Health Laboratory, Hazardous Waste Function (AFOEHL/EQH) has been redesignated Armstrong Laboratory Bio-environmental Engineering Division, Environmental Engineering Branch (AL/OEBE).

Since December 1989, additional drums were identified. No one was quite sure of the actual number of drums to be sampled. A presurvey was conducted in order to determine the actual extent of sampling and the analyses required to fully characterize the drummed wastes and unused materials at Thule AB. The presurvey was conducted by Capt Larry Kimmi and Lt Nancy Hedgecock from 24-29 June 1990.

Presurvey Findings

Approximately 4,000 drums were marked with labels stating that the drums contain anything from poison to varnish. However, upon visual inspection of the contents of several drums, the material was determined to be tar. After talking to various Danish contract personnel who had worked at the base for many years, it was discovered that the tar was pumped into used drums several years ago. The tar was to be used for a project that was cancelled. The majority of these drums were used to build a "snow fence" to protect the supply area from blowing snow. The drums were on pallets and were stacked "three high." Another 400 drums of tar were stored on pallets at the Corps of Engineers Storage area. FSI contract personnel unstacked and opened each drum to ensure that they all contained tar. Any drums that did not contain tar were segregated by FSI personnel and sampled by the sampling team.

Approximately 400 drums of used and unused materials were identified to be sampled. The majority of these drums are located behind Hangar #1 at the Waste Storage Area. Many of the drums were marked "waste oil"; however, the drums appeared to have never been opened. Other drums appeared to contain new material. The drums appear to have been rejected by the shops because of physical damage (i.e., dented). The remaining drums are located on South Mountain Road (13 drums), P-Mountain (11 drums), Bldg 555 (9 drums), Delong Pier (2 drums), and at the pond behind the JP-4 tanks (1 drum).

Sampling Strategy

Sampling strategies were implemented at Thule AB to adequately and properly identify the contents of each drum of unknown material or waste. Each drum was either sampled individually or, when feasible, composited with another drum. Each drum was numbered. The drum color, waste label, new material label, and generating activity were noted during the presurvey. This information was used to develop a waste analysis plan. Once the actual survey began and drums were opened, it became apparent the original sampling strategy would have to be altered (i.e., some drums did not contain what we hoped they would). Appendix A contains the revised waste analysis plan.

Due to the extremely high cost of transporting the waste back to the United States for disposal, every opportunity possible for recycling should be taken.

Analytical Strategy

The analyses prescribed for this project are designed to determine if the drums contain new, unused material, recyclable material, or waste product.

All of the analyses were performed using SW-846 methods. The analytical methods used are presented in Table 1. The appropriate analysis for each drum was determined based upon visual inspection of the waste through a disposable glass COLIWASA. Gas chromatography/mass spectrometry (GC/MS) chemical identification (Major Components) was performed on materials which appeared to be unused (i.e., drums that had never been opened and were not labeled, or drums which appeared to have been discarded due to physical damage). Energy recovery analyses were performed on materials which appeared to be uncontaminated waste oil. Toxicity characteristic leachate procedure (TCLP) analysis was performed on all unknown wastes and unsegregated wastes (i.e., waste oil and antifreeze), and paint and thinner wastes.

FIELD SAMPLING PROCEDURES

Sampling Techniques

Each sample was taken to provide a representative sample of the waste. Stratification of the waste due to age and/or varying physical properties was taken into account. All field sampling procedures met SW-846 criteria for representative sampling. A total of approximately 4,000 drums were examined and sampled when necessary.

Drummed liquids were sampled using a COLIWASA. A COLIWASA is a 1.22 m (3-ft) cylindrical glass tube containing a plug rod that is used to close the end of the glass tube. A COLIWASA permits representative sampling of multi-phase wastes of a wide range of viscosity, corrosivity, volatility, and solids content. A separate COLIWASA was used to collect the sample from each drum.

Sludge samples were obtained by scooping the sample container into the sludge when possible. Paint sludge samples were obtained by tearing the dried paint into pieces and putting the pieces into the sample container.

Quality Assurance/Quality Control Procedures

All samples were collected in Eagle Picher Level II Certified bottles. The bottles are cleaned by the vendor according to Environmental Protection Agency Protocols to eliminate the container as a source of sample contamination (1,2,3). Each sample bottle was labeled with a unique sample number to avoid misidentification. A profile sheet (Appendix B) was also completed for each drum of waste as an additional means of avoiding misidentification.

All samples were taken to AL/OEA where they were logged into the computer system and prepared for shipping to Clayton Environmental Consultants, Inc. for analysis.

ANALYTICAL RESULTS

All analytical results are included in Appendix C. The results are organized numerically by drum number. The section also includes disposal options.

TABLE 1

"Specification Oil" Analysis for Energy Recovery

40 CFR Parts 266.40 and 761.20

ANALYSIS	REGULATORY LEVEL
SW 9020 - Total Organic Halogens	4000 ppm*
SW 1010 - Ignitability	100 degrees F minimum
SW 7060 - Arsenic	5 ppm maximum
SW 7131 - Cadmium	2 ppm maximum
SW 7191 - Chromium	10 ppm maximum
SW 7421 - Lead	100 ppm maximum
SW 8080 - PCBs**	2 ppm

*Used oil containing more than 1000 ppm total halogens is presumed to be a hazardous waste unless it can be shown that the oil can be successfully mixed to a level below 1000 ppm total halogens.

** PCB analysis is not required to determine if used oil is "specification oil"; however, due to the age and unknown nature of the used oil, it was decided that the analysis should be performed.

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	REGULATORY LIMIT (mg/L)
Benzene	0.5
Carbon tetrachloride	0.5
Chlordane	0.03
Chlorobenzene	100.0
Chloroform	6.0
o-cresol	200.0
p-cresol	200.0
m-cresol	200.0
1,4-Dichlorobenzene	7.5
1,2-Dichloroethane	0.5
1,1-Dichloroethylene	0.7
2,4-Dinitrotoluene	0.13
Heptachlor	0.008
Hexachlorobenzene	0.13
Hexachloro-1,3-butadiene	0.5
Hexachloroethane	3.0
Methyl ethyl ketone	200.0
Nitrobenzene	2.0
Pentachlorophenol	100.0

Pyridine	5.0
Tetrachloroethylene	0.7
2,4,5-Trichlorophenol	400.0
2,4,6-Trichlorophenol	2.0
Vinyl Chloride	0.2
Arsenic	5.0
Barium	100.0
Cadmium	1.0
Chromium	5.0
Lead	5.0
Mercury	0.2
Selenium	1.0
Silver	5.0
Endrin	0.02
Lindane	0.4
Methoxychlor	10.0
Toxaphene	0.5
2,3-D	10.0
2,4,5-TP (Silvex)	1.0

SW-846 Method 8240 - Purgeable Halocarbons

Acetone
 Acrolein
 Acrylonitrile
 Benzene
 Bromodichloromethane
 Bromoform
 Bromomethane
 2-Butanone (MEK)
 Carbon disulfide
 Carbon tetrachloride
 Chlorobenzene
 Chlorodibromomethane
 Chloroethane
 2-Chloroethyl vinyl ether Chloroform
 Chloromethane
 Dibromomethane
 1,4-Dichloro-2-butane
 Dichlorodifluoromethane
 1,1-Dichloroethane
 1,2-Dichloroethane
 1,1-Dichloroethene
 trans-1,2-Dichloroethene
 1,2-Dichloropropane
 cis-1,3-Dichloropropene
 trans-1,2-Dichloropropene
 Ethanol
 Ethylbenzene

Ethyl methacrylate
2-Hexanone
Iodomethane
Methylene chloride
2-Methyl-2-pentanone (MIBK)
Styrene
1,1,2,2-Tetrachloroethane
Tetrachloroethene (Perchloroethylene)
Toluene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethene (Trichloroethylene)
Trichlorofluoromethane
1,2,3-Trichloropropane
Vinyl acetate
Vinyl chloride
Xylenes (total, all Isomers)

REFERENCES

1. United States Environmental Protection Agency, "Identification and Listing of Hazardous Waste," 40 CFR Parts 260-266.
2. United States Environmental Protection Agency, "Polychlorinated Biphenyls," 40 CFR Part 761.
3. United States Environmental Protection Agency, "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods," SW-846.

APPENDIX A
Thule Waste Analysis Plan

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
ROW 1								
G100	G102	Antifreeze	Antifreeze	30-gal	Black Plastic	Antifreeze	3	GT900850
G101		Freon	Freon	30-gal	Black Plastic	Freon	2, 3	GT900851
G102	w/G100	Antifreeze	Antifreeze	30-gal	Black Plastic		3	
G103		Antifreeze	Antifreeze	30-gal	Black Plastic		2, 3	GT900852
G104		Tetrachloroethylene	same	small overpack	Black	TCE (new matl)	none	
G105		Chromate Finish	same	small overpack	Black	new matl	none	
G106		Chromate Finish	same	small overpack	Black	new matl	none	
G107		Antifreeze	same	30-gal	Black Plastic		2, 3	GT901601
ROW 2								
G108		Lube Oil	same	55-gal	Green	new matl	1	GT900856
G109		Solvent	same	55-gal	Green	PD-680	1	GT900857
G110		Lube Oil	same	55-gal	Green	Oil	1	GT900858
G111	G112	Waste Glycol	trichloromono- fluoromethane	30-gal	Green	Antifreeze	3	GT900859
G112	w/G111	Waste Glycol	"	30-gal	Green	Antifreeze	3	GT900859
G113		Waste Glycol	"	30-gal	Green	Freon	3	GT901602
G114	G115	Waste Glycol	"	30-gal	Green	Ethylene Glycol	3	GT900860
G115	w/G114	Waste Glycol	"	30-gal	Green	Ethylene Glycol	3	GT900860
G116		Waste Glycol	"	30-gal	Green	E.G. & Oil	2, 3	GT901603
G117		Antifreeze	6810-00-006-4206			Empty		
G118	G119	Soap (new)	6850cksf0852	55-gal	White		2, 3	GT900862
G119	w/G118	Soap (new)	"	55-gal	White		2, 3	GT900862
G120	G122	Glycol, water, Freon		55-gal	Green	Freon	2	GT900864
G121		"			Green	Oil & Water	2, 3	GT901604
G122	w/G120	"					2	GT900864
G123	w/G120	"		55-gal	Green	Oil & Water	2	GT901605

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
G124	G125 126	"	Lube Oil	55-gal	Green	Oil & Water	2, 3	GT900865
G125	w/G124	"					2, 3	GT900865
G126	w/G124	"					2, 3	GT900865
G127		Lube Oil (new)	Lube Oil 9150-00-191-2772	55-gal	Green	Oil (new matl)	none	
G128		Ethylene Glycol		55-gal	Black	New Matl	none	
G129		Waste Oil		55-gal	Green	Oil	1	GT900868
G130	G131 132 133	Waste Glycol		55-gal	Green	E.G.	3	GT900869
G131	w/G130	"					3	
G132	w/G130	"					3	
G133	w/G130	"					3	
G134		Waste Fuel		55-gal	Green	Fuel/Water	1	GT900870
G135	don't sample	Corrosive (new)	6810-00-805-9798	55-gal	Black		-	
G136	"	"					-	
G137	don't sample	Trichloroethylene (new)					-	
G138	don't sample	Corrosive (new)					-	
G139	don't sample	Tar					-	
G140	don't sample (new)		6850-00-209-7947				-	
G141	don't sample	Soap (new)	6850-00-965-2329				-	
G142	"						-	
G143	G190	Cleaning Compound (new)		55-gal	Black		2, 3	GT900871
G144		(new)	6850-00-209-7947					
G145		Waste Oil	Lube Oil	55-gal	Green	Fuel	1	GT900872
Row 3								
G146		MoGas	PD-680	55-gal	Green	E.G./PD-680	2, 3	GT900873
G147	G166	Waste Oil	Oil	55-gal	Green	E.G./Oil/Water	3	GT900874

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
G148	G165	Waste Oil	Antifreeze	55-gal	Blue	E.G./Oil/Water	2, 3	GT900875
G149		Oil	Hydraulic	55-gal	Green	Hyd. Fl. (new)		
G150		Oil	Oil	55-gal	Blue	Oil	1	GT900877
G151		Waste Oil		55-gal	Green	Oil	1	GT901700
G152		Oil	Lube Oil	55-gal	Green	H.F./Water	2, 3	GT900878
G153		Oil	Hydraulic	55-gal	Green	Oil	1	GT900879
G154	w/G156	Oil	Hydraulic	55-gal	Green	Oil/A.F.	1	GT901701
G155	G160	Oil	Superflo Trans	55-gal	Red/White	Oil	1	GT900880
G156	w/G154						1	GT901701
ROW 4								
G157		Oil	Hydraulic	55-gal	Green	Oil/A.F.	1	GT900882
G158	G159	Waste Oil	H.F.	55-gal	Green	Oil	1	GT900881
G159	w/G158	Oil	Lube Oil	55-gal	Green	Oil	1	GT900881
G160	G167		T.F.	55-gal	Red/White	T.F./A.F.	2, 3	GT900886
G161		Waste Antifreeze	Antifreeze	55-gal	Blue	Oil/A.F.	none	
G162		Oil	Antifreeze	55-gal	Blue	H.F.	1	GT900884
G163		Oil	Lube Oil	55-gal	Green	Oil/H.F.	1	GT900885
G164	G169	Oil	Oil	55-gal	Green	Oil	1	GT901703
G165	w/G148							
G166	w/G147	Oil	Antifreeze	55-gal	Blue	A.F./Oil/Water	1	GT900874
G167	w/G160	Oil	Hydraulic				1	GT900886
G168		Oil	Antifreeze	55-gal	Blue	Oil	1	GT901702
G169	w/G164	PD-680		55-gal	Green	Oil	1	GT901703
G170	G172	"Outpost Heritage"	Unknown	55-gal	Blue-Gray	E.G.	3	GT900887
G171		Insulating Oil	same	55-gal	Green	Water/Oil	2, 3	GT900888
G172	w/G170	Oil	Lube Oil	55-gal	Green	E.G.	3	GT900887

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
ROW 5								
G173		Oil	Antifreeze	55-gal	Blue	Oil	1	GT900890
G174	G176	Oil	PD-680	55-gal	Green	Oil	1	GT900891
G175		Antifreeze	Antifreeze	55-gal	Blue	E.G./Oil	2, 3	GT900892
G176	w/G174	Oil	PD-680	55-gal	Green		1	GT900891
G177		Oil	Oil	55-gal	Green	Oil	1	GT900893
G178		Oil	Oil	55-gal	Green	Oil	1	GT900894
G179		Oil	PD-680	55-gal	Green	H.F.	1	GT901606
G180		Oil	Hydraulic	55-gal	Green	H.F.	1	GT900895
G181		Oil	Lube Oil	55-gal	Green	H.F.	1	GT901609
G182		Oil	PD-680	55-gal	Green	E.G.	2, 3	GT901607
G183		Oil	Lube Oil	55-gal	Green	Oil	1	GT900896
G184		Oil	Lube Oil	55-gal	Green	Oil	1	GT901608
G185		Oil	Antifreeze	55-gal	Blue	Oil/E.G.	2, 3	GT900897
G186		unmarked		55-gal	Light Blue	Oil/E.G.	2, 3	GT900898
G187		Oil	Lube Oil	55-gal	Green	Oil/E.G.	2, 3	GT901610
G188		Oil	Lube Oil	55-gal	Green	Oil/Water	2, 3	GT900899
G189		"	Lube Oil	55-gal	Green	Oil	2, 3	GT901611
G190	w/G143	Cleaning Compound		55-gal	Black	Oil	2, 3	GT900871
ROW 6								
G191	G192	Oil	Lube Oil	55-gal	Green	Oil	1	GT900900
G192	w/G191	Oil	Lube Oil 238	55-gal	Green	Oil	1	GT900900
G193		Oil		55-gal	Green	Oil (new matl)	1	GT900902
G194		Oil	Oil 183	55-gal	Green	H.F.	1	GT900901
G195	G196	Oil	Fuel	55-gal	Black	Water/Rust	2, 3	GT900903
G196	w/G195	"					2, 3	

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
G197	G199 200 201	Oil	Esso	55-gal	Red	?	2, 3	GT900904
G198						upside down		
G199	w/G197							
G200	w/G197							
G201	w/G197							
G202		Antifreeze		55-gal	Green	A.P.	2, 3	GT900905
G203		Antifreeze		55-gal	Black	Oil/A.P.	2, 3	GT900906
G204		Antifreeze		55-gal	Light Blue		3	GT900907
G205		Antifreeze	Antifreeze	55-gal	Blue	Oil/A.P.	2, 3	GT900908
G206	G207, G208	Oil	Antifreeze	55-gal	Blue	Oil	1	GT900909
G207	w/G206	Oil	PD-680	55-gal	Green	Oil	1	GT900909
G208	w/G206	Oil	Lube Oil	55-gal	Green	Oil	1	GT900909
G209	G210	Oil	Oil Filters	55-gal	Red	Oil (open)	1	GT900912
G210	w/G209	Oil	Hydraulic	55-gal	Green	Oil	1	GT900912
G211		Oil		55-gal	Green/Silver	?	2, 3	GT900914
G212		Oil	Fuel	55-gal	Blue/Green	?	2, 3	GT900915
G213	G214, 215, 216	Oil	Lube Oil	55-gal	Green	Oil	1	GT900916
G214	w/G213	Oil	Trans	55-gal	Red/White	Oil	1	GT900916
G215	w/G213	Solvent	Antifreeze	55-gal	Blue	Oil	1	GT900916
G216	w/G213	Oil	Antifreeze	55-gal	Blue	Oil	1	GT900916,
G217	G219			55-gal	Green	Oil	1	GT900921
G218		Oil	Antifreeze	55-gal	Green	Oil	1	GT900920
G219	w/G217	Oil	Lube Oil	55-gal	Green		1	GT900921
G220		Oil	Antifreeze	55-gal	Blue	A.P. (hole)	1	GT900922
G221		Oil	Lube Oil	55-gal	Green	Empty		
G222		US Navy		55-gal	Black	Empty		
G223						Empty		

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
G224	G225	Fuel		55-gal	Orange	Fuel	1	GT900925
G225	w/G224	"		55-gal	Orange	Fuel	1	GT900925
G226	G227 G229	"		55-gal	Orange	Fuel/Water	2, 3	GT901612
G227	w/G226	"						
G228		"		55-gal	Orange	Fuel	1	GT900926
G229	w/G226	"		55-gal	Orange	Fuel	2, 3	GT901614
G230	G233	Antifreeze	Oil	55-gal	Green	Oil/Water	2, 3	GT900927
G231		Antifreeze	Antifreeze	55-gal	Blue/Black	Oil/A.F.	2, 3	GT900928
G232	G252	Antifreeze	Lube Oil	55-gal	Green	Oil/A.F.	2, 3	GT900948
G233	w/G230							
G234		Oil		55-gal	Black	Alcohol	2, 3	GT900930
G235		Oil		55-gal	Black Yellow	Solid	none	
G236		Oil	Lube Oil	55-gal	Black	upside down	none	
G237		Oil				upside down	none	
G238		Oil & Solvent	Lube Oil	55-gal	Green	upside down	none	
G239				25-gal	Black	H.F.	3	GT900935
G240		Oil	Hydraulic	55-gal	Green	Oil	1	GT900936
G240A	G241	Oil	Lube Oil	55-gal	Green	Oil/Fuel	1	GT900937
G241	w/G240A	Oil		55-gal	Blue	Oil/Fuel		
G242		Oil	PD-680	55-gal	Green	PD-680	1	GT901613,
G243		Oil	Lube Oil	55-gal	Green	H.F./A.F.	2, 3	GT900940
G244		Oil	?	55-gal	Bright Green	Tar	None	
G245		?		55-gal	Green	Tar	None	
G246		Oil	Lube Oil	55-gal	Green	Oil/Water	1	GT900943

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
ROW 8								
G247	G248	Antifreeze	PD-680	55-gal	Green	A.F./Oil	2, 3	GT900944
G248	w/G247	"				A.F./Oil	2, 3	GT900944
G249		Oil	Hydraulic	55-gal	Black	Oil	1	GT900945
G250		Oil	Lube Oil	55-gal	Green	Oil (new matl)		
G251		Oil	Antifreeze	55-gal	Green	A.F. (new matl)	3	GT900947
G252	w/G232	Oil	Hydraulic	55-gal	Green	Oil/A.F.	2, 3	GT900948
G253	G254	Vaster Fuel		55-gal	Green	Petroleum Dist	2, 3	GT900949
G254	w/G253	"					2, 3	GT900949
G255		Oil	Lube Oil	55-gal	Green	Oil	1	GT900950
G256		Oil		55-gal		Oil	1	GT900951
G257	G261	Oil	Hydraulic	55-gal	Green	H.F.	1	GT900952
G258				55-gal	Green	Oil/A.F.	3	GT901709
G259		Oil	Trans	55-gal	Red/White	H.F. (new matl)	1	GT900953
G260		Oil	Lube Oil	55-gal	Green	Oil (new matl)	none	
G261	w/G257	Oil	Hydraulic	55-gal	Green	H.F.	1	GT900952
G262	G263 G264	Oil	PacerGoose HP	55-gal	Green	Oil	1	GT900956
G263	w/G262	"				Oil	1	GT900956
G264	w/G262	Oil	Lube Oil	55-gal	Green	Oil	1	GT900956
G265	G266 267 268	Oil	USN	55-gal	Black	Water/Oil/Fuel	1	GT900958
G266	269 270, 271, 272	"						
G267	w/G265	"						
G268	w/G265	"						
G269	w/G265	Oil		55-gal	Green			
G270	w/G265	USN		55-gal	Black			
G271	w/G265	"						

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
G272	w/G265	"						
G273	"	"		55-gal	Green	Oil/A.F.	2, 3	GT900959
G274	"	"		55-gal	Black	A.F. (new matl)	3	GT900960
G275						upside down		
G276	"	"		55-gal	Green	Fuel	1	GT900961
NOW 9								
G277		Waste Oil	Lube Oil	55-gal	Green	Oil	1	GT900962
G278		Oil	Antifreeze	55-gal	Blue	H.F./A.F.	1	GT900963
G279		Paint		55-gal	Green	Solvent/Water	2, 3	GT900964
G280	G281, G419		E.G.	55-gal	Green	Paint Waste	2, 3	GT901614
G281	w/G280		E.G.	55-gal	Green	Paint Waste	2, 3	GT901614
G282		Oil	Hydraulic	55-gal	Green	Oil	1	GT900965
G283		Oil	Lube Oil	55-gal	Green	Oil/A.F.	2, 3	GT900966
G284		Oil		55-gal	Black	Oil/A.F.	2, 3	GT900967
G285	G286	Oil	Trans Oil	55-gal	Red/White	Oil	1	GT900968
G286	w/G285	Oil	Antifreeze	55-gal	Blue		1	GT900968
G287	G288 289 290	Oil	Lube Oil	55-gal	Green/Black	Oil/A.F.	2, 3	GT900969
G288	w/G287	Oil	Lube Oil	55-gal	Green	Oil/A.F.	2, 3	GT900969
G289	w/G287	Oil	Lube Oil	55-gal	Black	Oil/A.F.	2, 3	GT900969
G290	w/G287	Oil	Antifreeze	55-gal	Black/White	Oil/A.F.	2, 3	GT900969
G291		Oil	Trans Oil	55-gal	Red/White	Oil/A.F.	2, 3	GT901616
G292	w/G287	Oil	Oil	55-gal	Black/White	Oil	1	GT901615
G293		Oil	Hydraulic	55-gal	Green	H.F.	1	GT900970
G294	w/G293	"	Oil	55-gal	Green	Oil/A.F.	2, 3	GT901617
G295	"	"	Pacer goose	55-gal	Green	Oil	1	GT901620
G296			Lube Oil	55-gal	Green	Oil	1	GT900971

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
G297	G298	Oil	Lube Oil	55-gal	Green	Oil/Antifreeze	2, 3	GT900972
G298	w/G297	"					2, 3	GT900972
G299		Oil	Hydraulic	55-gal	Green		1	GT900973
G300		Oil	Methanol	55-gal	Green/Yellow	Oil	1	GT900974
G301		Antifreeze	Antifreeze	55-gal	Blue	Oil/A.F.	2, 3	GT900975
G302	G303	Oil	Hydraulic	55-gal	Green	Oil/A.F.	2, 3	GT900976
G303	w/G302	Oil	Hydraulic	55-gal	Green	Oil/A.F.	2, 3	GT900976
G304	G306	Paint		55-gal	Red	Paint Solids, /Sand	3	GT900977
G305		Paint		55-gal	Green	Paint Waste	2, 3	GT901618
G306	w/G304	Paint		55-gal	Red	Paint Solids/Sand	3	GT900977
ROW 10								
G307		Oil	Thinner	55-gal		Tar	none	
G308				55-gal		Tar	none	
G309				55-gal		Tar	none	
G310				55-gal		Tar	none	
G311	G312 313 314	Oil	Thinner	55-gal	Black	Thinner	1	GT900979
G312	w/G311					Thinner	1	GT900979
G313	w/G311					Thinner	1	GT900979
G314	w/G311					Thinner	1	GT900979
G315	G316 317 318	Oil	Thinner	55-gal	Black	Thinner	1	GT900980
G316	w/G315					Thinner	1	GT900980
G317	w/G315					Thinner	1	GT900980
G318	w/G315					Thinner	1	GT900980
G319	G320 321	Oil	Thinner			Thinner	1	GT900981
G320	w/G319					Thinner	1	GT900981
G321	w/G319					Thinner	1	GT900981

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
G322		Oil		55-gal	Rusty	Thinner	1	GT900982
G323-338			Danish Acrylic Paint				None	
G339		Latex Paint				Dried Paint		
G340		Oil		2-gal	Plastic	Oil	1	GT900983
G341		Oil	Lube Oil	55-gal	Green	PD-680	1	GT901619
ROW 11								
G342	G343 344 345	Oil	Paint Thinner	55-gal	Black	Thinner	1	GT900984
G343	w/G342		"					"
G344	w/G342		"					"
G345	w/G342		"					"
G346	G347	Oil	Thinner	55-gal	Black	Thinner	1	GT900985
G347	w/G346	Oil	Thinner	55-gal	Black	Thinner	1	GT900985
G348						upside down	none	
G349						upside down	none	
G350	G355 356 365 366	Oil	Thinner	55-gal	Black	Thinner	1	GT900986
G351		Oil	Paint Remover	55-gal	Black	?	2, 3	GT900987
G352		Oil	Asphalt	55-gal	Blue-Black		1	GT900988
G353		Oil	Asphalt	55-gal			1	GT900989
G354		Oil	Asphalt	55-gal			1	GT900990
G354A		Oil	Asphalt	55-gal			1	GT900991
G355	w/G350							
G356	w/G350							
G357-G364			Danish Acrylic Paint (turn in)					-
G365	w/G350							
G366	w/G350							

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
G367	G369	Old Paint	Lube Oil	55-gal	Green	Paint	2, 3	GT900992
G369	W/G367							
ROW 12								
G368	G371 372 373 374	Lube Oil				Oil	1, 2, 3	GT901001
G370	G375 376 377	Lube Oil				" "	" "	GT901000
G375	W/G370	Lube Oil				Oil	1, 2, 3	GT901000
G376	W/G370	Lube Oil				Oil	1, 2, 3	GT901000
G377	W/G370	Lube Oil				Oil	1, 2, 3	GT901000
G379	G380 381 382				Blue	Oil	1, 2, 3	GT901005
G380	W/G379	Soap				Oil	1, 2, 3	GT901005
G381	W/G379	Lube Oil				Oil	1, 2, 3	GT901005
G382	W/G379					Oil	1, 2, 3	GT901005
ROW 13								
G383-G396	4 samples		Thinner		Blue & Green	PD-680	1	GT901007 GT901621 GT901622 GT901623
ROW 14								
G397			Heat Transfer Fluid	55-gal	Black	Coolanol	2, 3	GT901011
G398		Oil	Isopropyl Alcohol	55-gal	Green	Alcohol	1	GT901012
G399	G400 401 416		AvGas	55-gal	Red	Oil	1	GT901013
G400			AvGas		Red	Oil	1	GT901013
G401					Red&Black	Oil	1	GT901013
G402		Lube Oil (new)		55-gal	Green	Oil (new matl)	none	
G403		Oil	Lube Oil	55-gal	Green	Sludge	2	GT901017
G404		Oil	Lube Oil	55-gal	Green	Oil/Water	2, 3	GT901018
G405		Waste Oil	Cyclohexalamine	55-gal	Black	Cyclohexylamine	3	GT901019
G406	G407 408	Oil	Lube Oil	55-gal	Green/Black	Oil/filters	1	GT901020

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
G407	W/G406	"						"
G408	W/G406	"						"
G409	G410	Oil	Antifreeze	55-gal	Green	Oil/A.F.	1	GT901021
G410	W/G409	Oil	PD-680	55-gal	Green	Oil/A.F.	1	GT901021
G411				55-gal	Black	Cyclohexylamine	3	GT901024
G412		Oil	Lube Oil	55-gal	Green	Oil/Water	1	GT901025
ROW 15								
G413		Waste Oil		55-gal	Black	Cyclohexylamine	3	GT901026
G414		?Penetone		55-gal	White	A.F. (new matl)	none	
G415		Oil	Cyclohexylamine	55-gal	Black	Cyclohexylamine	3	GT901028
G416	W/G399	AvGas			Red			
G417		Oil	Propylene Glycol		Black&White	could not open	none	
G418		Oil	Antifreeze	55-gal	Blue	Oil/A.F.	2 & 3	GT901031
G419	W/G280	Paint	Antifreeze	55-gal	Green		1	GT901032
G422		Oil	Oil	55-gal	Green	Oil	1	GT901035
G423	G425 426 444	Waste Oil	AvGas	55-gal	Red	Oil	1	GT901036
G424		Waste Oil (new)	Antifreeze	55-gal		Deicing (new matl)		none
G425	W/G423	AeroCub	AvGas		Red	Oil	1	GT901036
G426	W/G423	"				Oil	1	GT901036,
ROW 16								
G427		Oil	Antifreeze	55-gal	Blue	A.F. (new matl)	none	
G428		Oil (new)	Oil	55-gal	Green	Oil	1	GT901041
G429		Perchloroethylene	(?new)	55-gal	Black	?	2, 3	GT901042
G430				55-gal	Black	?	2, 3	GT901040
G431		Oil	Trans Oil	55-gal	Red	H.F. (almost empty)		

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
G432		Oil		55-gal	Green		1	GT901044
G433		Oil		55-gal	Green	Oil	none	
G434A		Waste Oil	Deicing (new)	55-gal	Green	A.P. (new matl)	1	GT901046
G434				55-gal	Green	A.P. (new matl)	none	
G435		Oil (new)		55-gal	Green	Oil (new matl)	none	
G436		Empty						
G437		Empty						
G438		Oil	Lube Oil	55-gal	Green	Oil	1	GT901050
G439		Oil	Lube Oil	55-gal	Green	Oil/Water	1	GT901051
G442		Methanol	Oil			upside down		
G443		Antifreeze (new)		55-gal	Red	A.P. (new matl)	none	
G444	w/G423							
ROW 17								
G445		Asphalt					-	
G446		"					-	
G447		"					-	
G448		"					-	
G449		Antifreeze		55-gal			3	GT901056
G550		Antifreeze		55-gal	Blue		3	GT901057
G551		Oil	Paint	55-gal	Green	?	2, 3	GT901058
G552		Waste Oil	Denatured Alcohol				3	GT901059
G453		Oil	Cyclohexylamine			Cyclohexylamine	3	GT901060
G454		?				Oil	1	GT901061
G455	G457 459	AvGas		55-gal	Red	Oil	1	GT901062
G456		Asphalt				Tar	None	
G457	w/G455	AvGas				Oil	1	GT901062
G458		Waste Oil	?	55-gal	Green	Oil	1	GT901065

DRUM #	COMPOSITE	WASTE LABEL	ORIG LABEL	CONT SIZE	CONT COLOR	WASTE SUSPECT	ANALYSIS	SAMPLE #
G459	w/G455	AvGas				Oil	1	GT901062
G460		?	Waste Oil	55-gal	Blue&Green	Oil	1	GT901067
G461		AvGas		55-gal	Red	Oil	1	GT901068

Oddball Drums

DRUM #	SUSPECT CONTENTS	LOCATION	ANALYSIS	SAMPLE #
O1	Waste Oil	Sewage Outfall	2, 3	GT901069
O2	Hydraulic Fluid	End of Dock	None (new matl)	
O3	Water	South Mtn	3	GT901071
O4 O5 O6 O8 O9 O10	Petroleum Solvent	South Mtn	3	GT901072
O7	Water	South Mtn	3	GT901073
O11	Petroleum Distillate	South Mtn	3	GT901074
O12	Water	South Mtn	3	GT901080
O13	Rusty Water	Pond behind Tanks	3	GT901081
O14	Oil or Solvent	Behind Hangar 1	2, 3	GT901082
O15	Oil or Solvent	Behind Hangar 1	3	GT901083
O16	Gone at time of survey			
O17	Oil	Bldg 553-555	3	GT901086
O18	Tar	Bldg 553-555	none	
O19 O20 O21 O23 O24	Soap (new matl)	Bldg 553-555	none	
O22	Water	Bldg 553-555	3	GT901085
O25	Empty			
PSI DRUMS				
P-1, 2, 3, 4, 5, 6, 7, 8, 24, 25	Deicing	Hangar 1	2, 3	GT901705
P-9, 10, 11, 12, 13	Paint Thinner	Hangar 1	2, 3	GT901706
P-14, 15	?	Hangar 1	2, 3	GT901707
P-16, 17, 18, 20, 21, 22, 23	Rocks	Hangar 1	none	

TANKS			
SITE	LOCATION	ANALYSIS	SAMPLE #
Tank A		1, 3	GT901095
Tank B		1, 3	GT901096
Tank C		1, 2, 3	GT901097
5000-Gal TANK		1, 2, 3	GT901098
Tank 6.5		1	GT901100
Tank 7		3	GT901101
Tank K		1	GT901102

LEGEND

Analysis Scheme

- 1 - Energy Recovery
PCBs
- 2 - TCLP - metals and volatiles
Ignitability, Reactivity, Corrosivity
- 3 - Major Components or SW 846 8240
Ignitability, Reactivity, Corrosivity

APPENDIX B
Waste Profile Sheet

DRUM NUMBER _____ SAMPLE NUMBER _____
COLLECTION DATE _____ TIME _____
SAMPLER _____
ORIGINAL LABEL _____ WASTE LABEL _____
DRUM COLOR _____ WASTE COLOR _____
PHASES: YES/ NO
CONTENTS: WASTE OR NEW PRODUCT
WASTE SUSPECTED TO BE _____
SAMPLE TAKEN: YES / NO
COMPOSITED WITH: DRUM # _____
OVERPACK OR NEW DRUM NECESSARY: YES / NO
REQUESTED ANALYSIS: _____
COMMENTS:

DRUM NUMBER _____ SAMPLE NUMBER _____
COLLECTION DATE _____ TIME _____
SAMPLER _____
ORIGINAL LABEL _____ WASTE LABEL _____
DRUM COLOR _____ WASTE COLOR _____
PHASES: YES/ NO
CONTENTS: WASTE OR NEW PRODUCT
WASTE SUSPECTED TO BE _____
SAMPLE TAKEN: YES / NO
COMPOSITED WITH: DRUM # _____
OVERPACK OR NEW DRUM NECESSARY: YES / NO
REQUESTED ANALYSIS: _____
COMMENTS:

APPENDIX C
Analytical Results

DRUM G100

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.1	
Major Components	100% ethylene glycol and water	

Recommended Disposal: Use or dispose through DRMO

DRUM G101

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	100% Freon	

Recommended Disposal: New material, use or dispose through DRMO.

DRUM G102

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.4	
Major Components	100% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<0.3	
Carbon tetrachloride	<0.3	
Chlordane	NP	
Chlorobenzene	<0.3	
Chloroform	0.3	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<0.2	
1,2-Dichloroethane	<0.3	
1,1-Dichloroethylene	<0.3	
2,4-Dinitrotoluene	<0.1	
Heptachlor	NP	
Hexachlorobenzene	<0.1	
Hexachloro-1,3-butadiene	<0.1	
Hexachloroethane	<0.2	
Methyl ethyl ketone	<0.5	
Nitrobenzene	<0.3	
Pentachlorophenol	<5.0	
Pyridine	<0.4	
Tetrachloroethylene	<0.3	
2,4,5-Trichlorophenol	<0.9	
2,4,6-Trichlorophenol	<0.8	
Vinyl Chloride	<0.6	
Arsenic	2.9	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.01	
Selenium	2.1	D010
Silver	<0.5	
Endrin	NP	
Lindane	NP	
Methoxychlor	NP	
Toxaphene	NP	
2,4-D	NP	
2,4,5-TP (Silvex)	NP	

Recommended Disposal: Dispose as D010 hazardous waste.

DRUM G103

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	100% Freon	

Recommended Disposal: New material, use or dispose through DRMO.

DRUM G104

ANALYSIS: None, New Material, TCE.

Recommended Disposal: Use or dispose through DRMO.

DRUM G105

ANALYSIS: None, New Material, Chromate Finish.

Recommended Disposal: Use or dispose through DRMO.

DRUM G106

ANALYSIS	RESULTS	EXCEEDS LIMIT
Corrosivity	Corrosive	Yes
Major Components	Chromic Acid	
Hydrogen Ion (pH)	<2	Yes

NOTE: New Material. Chromic acid is a strong oxidizer; contact with combustible material may cause fire.

Disposal: Use or dispose through DRMO.

DRUM G107

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	100% Freon 11	

Recommended Disposal: New Material. Use or dispose through DRMO.

DRUM G108

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

DISPOSAL: Energy recovery

DRUM G109

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	150,000	ppm	YES

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

DISPOSAL: Dispose as waste oil contaminated with halogenated organic solvent.

DRUM G110

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	800	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

DISPOSAL: Energy Recovery

DRUM G111 and 112

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.2	
Major Components	100% ethylene glycol and water	

Recommended Disposal: Use or dispose through DRMO

DRUM G113

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	94% Freon 3% Bis(2-ethylhexyl)Phthalate 3% Unknown	

Recommended Disposal: Dispose through DRMO.

DRUM G114 and 115

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.2	
Major Components	100% ethylene glycol and water	

Recommended Disposal: Use or dispose through DRMO

DRUM G116

ANALYSIS: Sample was broken in transit. During survey waste was noted to be waste oil and ethylene glycol.

Recommended Disposal: Separate oil from ethylene glycol. Use oil for energy recovery. Use or dispose the ethylene glycol through DRMO.

DRUM G117: Empty

DRUM G118 and 119

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	81% Tetrachloroethene 19% Methylene Chloride	F001 D039 F001

Recommended Disposal: Use or dispose through DRMO as F001 or D039 and F001 hazardous waste.

Note: Due to the uncertainty of the original material's composition or its subsequent use, the above waste codes may or may not be completely accurate.

DRUM G120 and 122

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	100% Freon	
Recommended Disposal: Use or dispose through DRMO		

DRUM G123

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	104 degrees F	D001 (if disposed)
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	8.1	
Major Components	Top Layer (3%) Oil Bottom Layer (97%) Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<0.03	
Carbon tetrachloride	<0.03	
Chlordane	<0.007	
Chlorobenzene	<0.03	
Chloroform	0.03	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	NP	
1,2-Dichloroethane	<0.03	
1,1-Dichloroethylene	<0.03	
2,4-Dinitrotoluene	NP	
Heptachlor	<0.0007	
Hexachlorobenzene	NP	
Hexachloro-1,3-butadiene	NP	
Hexachloroethane	NP	
Methyl ethyl ketone	<0.5	
Nitrobenzene	NP	
Pentachlorophenol	NP	
Pyridine	NP	
Tetrachloroethylene	<0.03	
2,4,5-Trichlorophenol	NP	
2,4,6-Trichlorophenol	NP	
Vinyl Chloride	<0.05	
Arsenic	<1.0	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.03	
Selenium	<0.6	
Silver	<0.5	
Endrin	<0.0007	
Lindane	<0.0007	
Methoxychlor	<0.007	
Toxaphene	<0.01	
2,4-D	<0.2	
2,4,5-TP (Silvex)	<0.04	

Recommended Disposal: Separate oil from water. Discharge water to the sanitary sewer. Use oil for energy recovery.

DRUM G124, 125, 126

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.2	
Major Components	Top Layer (5%) Oil Bottom Layer (95%) Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<3.0	
Carbon tetrachloride	<3.0	
Chlordane	<0.005	
Chlorobenzene	<3.0	
Chloroform	<3.0	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<0.2	
1,2-Dichloroethane	<3.0	
1,1-Dichloroethylene	<3.0	
2,4-Dinitrotoluene	<0.05	
Heptachlor	<0.0005	
Hexachlorobenzene	<0.05	
Hexachloro-1,3-butadiene	<0.05	
Hexachloroethane	<0.05	
Methyl ethyl ketone	<0.05	
Nitrobenzene	<0.08	
Penta-chlorophenol	<5.0	
Pyridine	<0.1	
Tetrachloroethylene	<3.0	
2,4,5-Trichlorophenol	<0.5	
2,4,6-Trichlorophenol	<0.5	
Vinyl Chloride	<5.0	
Arsenic	<1.0	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.03	
Selenium	<0.6	
Silver	<0.5	
Endrin	<0.005	
Lindane	<0.0005	
Methoxychlor	<0.005	
Toxaphene	<0.01	
2,4-D	<0.2	
2,4,5-TP (Silvex)	<0.04	

Recommended Disposal: Separate oil from water. Use oil for Energy Recovery. Discharge the water to the sanitary sewer.

DRUM G127**ANALYSIS:** None, New Material, lube oil.**Recommended Disposal:** Use for energy recovery or dispose through DRMO.**DRUM G128****ANALYSIS:** None, New Material, ethylene glycol.**Recommended Disposal:** Use or dispose through DRMO.**DRUM G129**

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

DISPOSAL: Energy Recovery**DRUM G130, 131, 132, 133**

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	
Major Components:	New Ethylene Glycol	

Disposal: Use or dispose as new material

DRUM G134

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	233	ppm	Yes
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

DISPOSAL: Blend and use for energy recovery.

DRUM G135, 136, 138

ANALYSIS: None, New Material, NSN 6810-00-805-9798.

Recommended Disposal: Use or dispose through DRMO.

DRUM G137

ANALYSIS: None, New Material, TCE.

Recommended Disposal: Use or dispose through DRMO.

DRUM G139

ANALYSIS: None, New Material, Tar.

Recommended Disposal: Use or dispose through DRMO.

DRUM G140

ANALYSIS: None, New Material, 6850-00-209-7947.

Recommended Disposal: Use or dispose through DRMO.

DRUM G141, 142, 144

ANALYSIS: None, New Material, 6850-00-965-2329.

Recommended Disposal: Use or dispose through DRMO.

DRUM G143

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	60% Aliphatic Hydrocarbons 18% Tetrachloroethene 17% Methylene Chloride 3% C10H14 Alkylbenzenes 2% C9H12 Alkylbenzenes	F001 D039 F001

Recommended Disposal: Use or dispose through DRMO as F001 or D039 and F001 hazardous waste.

Note: Due to the uncertainty of the original material's composition or its subsequent use, the above waste codes may or may not be completely accurate.

DRUM G145

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	<64.4	degrees F	D001 (if disposed)
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

DISPOSAL: Blend and use for Energy Recovery or dispose as waste fuel, ignitable D001 hazardous waste.

DRUM G146

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	<53.6 degrees F	D001 (if disposed)
Major Components	100% petroleum distillate similar to gasoline	
Recommended Disposal: Use or dispose through DRMO as D001 hazardous waste.		

DRUM G147, 166

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.3	
Cyanide (total)	<50 mg/L	
Sulfides	<100 mg/L	
Major Components	58% Water 42% Oil	

Recommended Disposal: Separate oil from water. Use the oil for energy recovery. Discharge the water to the sanitary sewer.

DRUM G148, 165

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	8.0	
Major Components	Top 27% Motor Oil Bottom 73% Ethylene Glycol and Water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose the ethylene glycol and water through DRMO.

DRUM G149

ANALYSIS: None, New Material, Hydraulic Fluid.

Recommended Disposal: Use or dispose through DRMO.

DRUM G150

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	400	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

DISPOSAL: Energy Recovery

DRUM G151

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	136.4	degrees F	D001 (if disposed)
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	110	ppm	Yes
Total Organic Halogens	900	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

DISPOSAL: Blend and use for energy recovery.

DRUM G152

ANALYSIS	RESULTS	EXCEEDS LIMIT
Major Components	93% Water 7% Oil	

Oil Phase

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.4	ppm	
Cadmium	0.2	ppm	
Chromium	2	ppm	
Lead	8.6	ppm	

Recommended Disposal: Separate oil from water. Use oil for energy recovery. Discharge the water to the sanitary sewer.

DRUM G153

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	10	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

DISPOSAL: Energy Recovery

DRUM G154, 156

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	60.8 degrees F	D001 (if disposed)
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.3	
Major Components	Top 50% Oil/Gasoline Mixture Bottom 50% Ethylene Glycol and Water	

Recommended Disposal: Separate oil/gasoline mixture from ethylene glycol and water. Blend and use oil/gasoline for energy recovery or dispose as D001 hazardous waste. Use or dispose the ethylene glycol and water through DRMO.

DRUM G155, 160

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	110	ppm	Yes
Total Organic Halogens	900	ppm	

Aqueous Portion

Arsenic	<0.3	ppm	
Cadmium	<0.7	ppm	
Chromium	<3.0	ppm	
Lead	310	ppm	Yes

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

DISPOSAL: Blend and use for energy recovery.

DRUM G157

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.4	
Major Components	Top 75% Hydraulic Fluid Bottom 25% Ethylene Glycol and Water	

Recommended Disposal: Separate hydraulic fluid from ethylene glycol and water. Use oil for energy recovery. Use or dispose the ethylene glycol and water through DRMO.

DRUM G158, 159

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	49	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

DISPOSAL: Energy Recovery

DRUM G161

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.7	
Major Components	Top 48% Motor Oil Bottom 52% Ethylene Glycol and Water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose the ethylene glycol and water through DRMO.

DRUM G162

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery**DRUM G163**

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G164, 169

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	132.8	degrees F	D001 (if disposed)
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	60	ppm	
Total Organic Halogens	<200	ppm	

Aqueous Portion

Total Organic Halogens	900	ppm
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EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G168

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	1.0	ppm	
Chromium	<3.0	ppm	
Lead	59	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G170, 172

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	<140 degrees F	D001 (if disposed)
Major Components:	Petroleum Distillate	

Recommended Disposal: Energy Recovery

DRUM G171

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	6.9	
Major Components	100% Water	

DRUM G171 (cont)

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
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Benzene	<0.03	
Carbon tetrachloride	<0.03	
Chlordane	<0.01	
Chlorobenzene	<0.03	
Chloroform	<0.03	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<0.2	
1,2-Dichloroethane	<0.03	
1,1-Dichloroethylene	<0.03	
2,4-Dinitrotoluene	<0.1	
Heptachlor	<0.001	
Hexachlorobenzene	<0.1	
Hexachloro-1,3-butadiene	<0.01	
Hexachloroethane	<0.2	
Methyl ethyl ketone	<0.5	
Nitrobenzene	<0.3	
Pentachlorophenol	<5.0	
Pyridine	<0.4	
Tetrachloroethylene	<0.03	
2,4,5-Trichlorophenol	<0.9	
2,4,6-Trichlorophenol	< 8	
Vinyl Chloride	<0.05	
Arsenic	<0.4	
Barium	<5.0	
Cadmium	0.4	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.01	
Selenium	0.9	
Silver	<0.5	
Endrin	<0.01	
Lindane	<0.01	
Methoxychlor	<0.01	
Toxaphene	<0.02	
2,4-D	<0.1	
2,4,5-TP (Silvex)	<0.02	

Recommended Disposal: Discharge the water to the sanitary sewer.

DRUM G173

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	165	ppm	Yes
Total Organic Halogens	1300	ppm	Yes

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Blend and use for energy recovery.

DRUM G174, 176

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	193	ppm	
Total Organic Halogens	1900	ppm	Yes

Aqueous Portion

Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	38	ppm	
Total Organic Halogens	1700	ppm	Yes

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Blend and use for energy recovery.

DRUM G175

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.4	
Major Components	Top 10% Motor Oil Bottom 90% Ethylene Glycol and Water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose the ethylene glycol and water through DRMO.

DRUM G177

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	60	ppm	
Total Organic Halogens	700	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G178

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	42	ppm	
Total Organic Halogens	<200	ppm	

Aqueous Portion

Arsenic	<3.0	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	13	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G179

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G180

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G181

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G182

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.0	
Major Components	Top 6% C8-C13 Aliphatic Hydrocarbons Bottom 94% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<300	
Carbon tetrachloride	<300	
Chlordane	<0.005	
Chlorobenzene	<300	
Chloroform	<300	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<20	
1,2-Dichloroethane	<300	
1,1-Dichloroethylene	<300	
2,4-Dinitrotoluene	<10	
Heptachlor	<0.0005	
Hexachlorobenzene	<10	
Hexachloro-1,3-butadiene	<10	
Hexachloroethane	<20	
Methyl ethyl ketone	<500	
Nitrobenzene	<30	
Pentachlorophenol	<60	
Pyridine	<40	
Tetrachloroethylene	<300	
2,4,5-Trichlorophenol	<90	
2,4,6-Trichlorophenol	<80	
Vinyl Chloride	<500	
Arsenic	10	D004
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.03	
Selenium	3.4	D010
Silver	<0.5	
Endrin	<0.005	
Lindane	<0.0005	
Methoxychlor	<0.03	
Toxaphene	<0.01	
2,4-D	<2.0	
2,4,5-TP (Silvex)	<0.4	

Recommended Disposal: Dispose as D004 and D010 hazardous waste.

DRUM G183

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	12.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G184

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	11	ppm	
Total Organic Halogens	300	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G185

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.4	
Major Components	Top 60% Motor Oil Bottom 40% Ethylene Glycol and Water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose the ethylene glycol and water through DRMO.

DRUM G186

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.5	
Major Components	Top 58% Motor Oil Bottom 42% Ethylene Glycol and Water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose the ethylene glycol and water through DRMO.

DRUM G187

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.5	
Major Components	Top 77% Oil Bottom 23% ethylene glycol and water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose ethylene glycol through DRMO.

DRUM G188

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	6.3	
Major Components	Top 18% Motor Oil Bottom 82% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<5.0	
Carbon tetrachloride	<5.0	
Chlordane	<0.01	
Chlorobenzene	<5.0	
Chloroform	<5.0	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<0.2	
1,2-Dichloroethane	<5.0	
1,1-Dichloroethylene	<5.0	
2,4-Dinitrotoluene	<0.05	
Heptachlor	<0.001	
Hexachlorobenzene	<0.05	
Hexachloro-1,3-butadiene	<0.05	
Hexachloroethane	<0.05	
Methyl ethyl ketone	<10.0	
Nitrobenzene	<0.05	
Pentachlorophenol	<5.0	
Pyridine	<0.05	
Tetrachloroethylene	<7.0	
2,4,5-Trichlorophenol	<0.5	
2,4,6-Trichlorophenol	<0.5	
Vinyl Chloride	<10.0	
Arsenic	<0.4	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.01	
Selenium	0.5	
Silver	<0.5	
Endrin	<0.01	
Lindane	<0.002	
Methoxychlor	<0.01	
Toxaphene	<0.02	
2,4-D	<0.2	
2,4,5-TP (Silvex)	<0.04	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose the ethylene glycol and water through DRMO.

DRUM G189

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	17	ppm	
Total Organic Halogens	300	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery**DRUM G191, 192**

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	15	ppm	
Total Organic Halogens	300	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G193

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	0.6	ppm	
Chromium	<3.0	ppm	
Lead	4	ppm	
Total Organic Halogens	<200	ppm	

Aqueous Portion

Arsenic	<0.3	ppm
Cadmium	<0.3	ppm
Chromium	<3.0	ppm
Lead	<3.0	ppm

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G194

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	8.4	ppm	Yes
Chromium	<3.0	ppm	
Lead	5	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Blend and use for Energy Recovery

DRUM G195, 196, 198

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.8	
Major Components	100% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<0.03	
Carbon tetrachloride	<0.03	
Chlordane	<0.01	
Chlorobenzene	<0.03	
Chloroform	<0.03	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<0.2	
1,2-Dichloroethane	<0.03	
1,1-Dichloroethylene	<0.03	
2,4-Dinitrotoluene	<0.1	
Heptachlor	<0.001	
Hexachlorobenzene	<0.1	
Hexachloro-1,3-butadiene	<0.2	
Hexachloroethane	<0.2	
Methyl ethyl ketone	<0.5	
Nitrobenzene	<0.3	
Pentachlorophenol	<5.0	
Pyridine	<0.5	
Tetrachloroethylene	<0.03	
2,4,5-Trichlorophenol	<1.0	
2,4,6-Trichlorophenol	<0.9	
Vinyl Chloride	<0.05	
Arsenic	<0.4	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.01	
Selenium	0.5	
Silver	<0.5	
Endrin	<0.01	
Lindane	<0.001	
Methoxychlor	<0.01	
Toxaphene	<0.02	
2,4-D	<0.2	
2,4,5-TP (Silvex)	<0.04	

Recommended Disposal: Discharge the water to the sanitary sewer.

DRUM G199, 197, 200, 201

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	111.2 degrees F	D001 (if disposed)
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	9.0	
Major Components	Top 39% Motor Oil and Gasoline Bottom 61% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
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Benzene	<0.05	
Carbon tetrachloride	<0.05	
Chlordane	<0.01	
Chlorobenzene	<0.05	
Chloroform	<0.05	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<0.3	
1,2-Dichloroethane	<0.35	
1,1-Dichloroethylene	<0.05	
2,4-Dinitrotoluene	<0.2	
Heptachlor	<0.001	
Hexachlorobenzene	<0.2	
Hexachloro-1,3-butadiene	<0.3	
Hexachloroethane	<0.4	
Methyl ethyl ketone	3.4	
Nitrobenzene	<0.6	
Pentachlorophenol	<5.0	
Pyridine	<0.8	
Tetrachloroethylene	<0.05	
2,4,5-Trichlorophenol	<2.0	
2,4,6-Trichlorophenol	<2.0	
Vinyl Chloride	<0.1	
Arsenic	0.7	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	14	
Mercury	<0.01	
Selenium	0.7	
Silver	<0.5	
Endrin	<0.01	
Lindane	<0.001	
Methoxychlor	<0.01	
Toxaphene	<0.02	
2,4-D	<0.2	
2,4,5-TP (Silvex)	<0.04	

Recommended Disposal: Separate oil and gasoline from water. Use oil and gasoline for energy recovery or dispose through DRMO. Discharge the water to the sanitary sewer.

DRUM G202

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.4	
Major Components	100% Ethylene Glycol/Water	
Recommended Disposal: Use or dispose the ethylene glycol and water through DRMO.		

DRUM G203

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.0	
Major Components	Top 16% Oil Bottom 84% Water	

Recommended Disposal: Separate oil from water. Use oil for energy recovery. Discharge the water to the sanitary sewer.

DRUM G204

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.4	
Major Components	Top 27% Transmission Fluid Bottom 73% Ethylene Glycol and Water	

Recommended Disposal: Separate transmission fluid from water. Use transmission fluid for energy recovery. Use or dispose the ethylene glycol and water through DRMO.

DRUM G205

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.5	
Major Components	Top 2% Oil Bottom 98% Ethylene Glycol/Water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose the ethylene glycol and water through DRMO.

DRUM G206, 207, 208

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	<60.8	degrees F	D001 (if disposed)
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	300	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Blend and use for Energy Recovery

DRUM G209, 210

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	25	ppm	
Total Organic Halogens	300	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G211

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.1	
Major Components	Top 62% Petroleum Distillate Bottom 38% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<0.4	
Carbon tetrachloride	<0.3	
Chlordane	<0.05	
Chlorobenzene	<0.3	
Chloroform	<0.3	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	NP	
1,2-Dichloroethane	<0.3	
1,1-Dichloroethylene	<0.3	
2,4-Dinitrotoluene	NP	
Heptachlor	<0.005	
Hexachlorobenzene	NP	
Hexachloro-1,3-butadiene	NP	
Hexachloroethane	NP	
Methyl ethyl ketone	<0.5	
Nitrobenzene	NP	
Pentachlorophenol	NP	
Pyridine	NP	
Tetrachloroethylene	<0.3	
2,4,5-Trichlorophenol	NP	
2,4,6-Trichlorophenol	NP	
Vinyl Chloride	<0.6	
Arsenic	<0.4	
Barium	<5.0	
Cadmium	0.6	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.01	
Selenium	<0.5	
Silver	<0.5	
Endrin	<0.05	
Lindane	<0.3	
Methoxychlor	<0.05	
Toxaphene	<0.1	
2,4-D	<0.2	
2,4,5-TP (Silvex)	<0.04	

Recommended Disposal: Separate petroleum distillate from water. Use for energy recovery or dispose through DRMO.

DRUM G212

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	125.6 degrees F	D001 (if disposed)
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	6.6	
Major Components	Top 20% Motor Oil Bottom 80% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<0.1	
Carbon tetrachloride	<0.1	
Chlordane	<0.01	
Chlorobenzene	<0.1	
Chloroform	<0.1	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<10.0	
1,2-Dichloroethane	<0.1	
1,1-Dichloroethylene	<0.1	
2,4-Dinitrotoluene	<6.0	
Heptachlor	<0.001	
Hexachlorobenzene	<6.0	
Hexachloro-1,3-butadiene	<8.0	
Hexachloroethane	<10.0	
Methyl ethyl ketone	<0.5	
Nitrobenzene	<20	
Pentachlorophenol	<30	
Pyridine	<20	
Tetrachloroethylene	<0.1	
2,4,5-Trichlorophenol	<50	
2,4,6-Trichlorophenol	<40	
Vinyl Chloride	<0.3	
Arsenic	<1.0	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.03	
Selenium	<0.6	
Silver	<0.5	
Endrin	<0.01	
Lindane	<0.001	
Methoxychlor	<0.01	
Toxaphene	<0.02	
2,4-D	<0.2	
2,4,5-TP (Silvex)	<0.04	

Recommended Disposal: Separate oil from water. Use oil for energy recovery. Discharge the water to the sanitary sewer.

DRUM G213, 214, 215, 216

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	132.8	degrees F	D001 (if disposed)
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	140	ppm	Yes
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G218

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G219, 217

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

Aqueous Portion

Flash Point (closed cup)	131	degrees F	D001 (if disposed)
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	400	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G220

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	No
Major Components:	Ethylene Glycol and Water	

Disposal: Use, recycle, or dispose through DRMO

DRUM G221, 222, 223 - EMPTY

DRUM G224, 225

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>122	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	1161	ppm	Yes
Total Organic Halogens	300	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Blend and use for Energy Recovery

DRUM G226, 227, and 229

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	<57.2 degrees F	D001 (if disposed)
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.0	
Major Components	52% Gasoline 48% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	6400	D018
Carbon tetrachloride	<300	
Chlordane	NP	
Chlorobenzene	<300	
Chloroform	<300	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<3.0	
1,2-Dichloroethane	<300	
1,1-Dichloroethylene	<300	
2,4-Dinitrotoluene	<2.0	
Heptachlor	NP	
Hexachlorobenzene	<2.0	
Hexachloro-1,3-butadiene	<3.0	
Hexachloroethane	<4.0	
Methyl ethyl ketone	<500	
Nitrobenzene	<6.0	
Pentachlorophenol	<10	
Pyridine	14	D038
Tetrachloroethylene	<300	
2,4,5-Trichlorophenol	<20	
2,4,6-Trichlorophenol	<20	
Vinyl Chloride	<600	
Arsenic	<0.4	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.01	
Selenium	<0.4	
Silver	<0.5	
Endrin	NP	
Lindane	NP	
Methoxychlor	NP	
Toxaphene	NP	
2,4-D	NP	
2,4,5-TP (Silvex)	NP	

Recommended Disposal: Dispose as D018 and D038 hazardous waste.

DRUM G228

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>122	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	28	ppm	
Total Organic Halogens	500	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G230 and G233

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.8	
Major Components	Top 19% Oil Bottom 81% ethylene glycol and water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose ethylene glycol through DRMO.

DRUM G231

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.3	
Major Components	100% ethylene glycol and water	

Recommended Disposal: Use or dispose ethylene glycol through DRMO.

DRUM G234

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	<57.2 degrees F	D001
Major Components	100% Isopropyl Alcohol	

Recommended Disposal: Use or dispose through DRMO.

DRUM G235 - Solid material, could not be sampled. Probably Tar.

DRUM G236, 237, 238, 241A- Drums upside down. Area too crowded to upright them. Could not sample.

DRUM G239

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	No
Major Components:	Hydraulic Fluid	

Disposal: Energy Recovery

DRUM G240

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	107.6 degrees F	D001 (if disposed as waste)
Major Components	100% Motor Oil	

Recommended Disposal: Use oil for energy recovery.

DRUM G240A, 241

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G242

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	111.2	degrees F	D001 (if disposed)
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G243

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	93.2 degrees F	D001 (if disposed)
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.9	
Major Components	Top 38% Transmission Fluid Bottom 62% ethylene glycol and water	

Recommended Disposal: Separate fluid from ethylene glycol and water. Use fluid for energy recovery. Use or dispose ethylene glycol through DRMO.

DRUM G244, 245 - Solid material. Tar. Could not sample.

DRUM G246

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	122	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	180	ppm	Yes
Total Organic Halogens	500	ppm	

Aqueous Portion

Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	9	ppm	
Total Organic Halogens	400	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G247, 248

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.3	
Major Components	Top 3% Oil Bottom 97% ethylene glycol and water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose ethylene glycol through DRMO.

DRUM G249

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	7	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G250 - New Material - Lube Oil

DRUM G251

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	No
Major Component:	Ethylene Glycol and Water	

Disposal: Use, recycle, or dispose through DRMO.

DRUM G252, 232

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.6	
Major Components	Top : Oil Bottom 80% ethylene glycol and water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose ethylene glycol through DRMO.

DRUM G253, 254

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	104 degrees F	D001
Major Components	83% C8-C15 Aliphatic Hydrocarbons 9% C10H14 Alkylbenzenes 5% C9H12 Alkylbenzenes 3% Zylenes	

Recommended Disposal: New Product. Use or dispose through DRMO as D001 and F003 hazardous waste.

DRUM G255

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	116.6	degrees F	D001 (if disposed)
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

Aqueous Portion

Flash Point (closed cup)	<140	degrees F
Arsenic	<0.3	ppm
Cadmium	<0.3	ppm
Chromium	<3.0	ppm
Lead	<3.0	ppm
Total Organic Halogens	600	ppm

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G256

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	12,000	ppm	Yes

Aqueous Portion

Total Organic Halogens EPA Method 600/4-81-045	<200	ppm	No
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PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G257, 261

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	6	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G258

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.4	
Major Components	Top 82% Hydraulic Fluid Bottom 18% ethylene glycol and water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose ethylene glycol through DRMO.

DRUM G259

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G260 - New Material. Lube Oil

DRUM G262

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	32	ppm	
Total Organic Halogens	400	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G265, 266, 267, 268, 269, 270, 271, 272

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	<53.6 degrees F	D001
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	6.0	
Major Components	Top 87% Water Bottom 80% C6-C14 Aliphatic Hydrocarbons 10% Xylenes F003 4% Ethylene Benzene F003 3% C9-H12 Alkylbenzene	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	NP	
Carbon tetrachloride	<0.3	
Chlordane	<0.007	
Chlorobenzene	<0.3	
Chloroform	<0.3	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<9.0	
1,2-Dichloroethane	<0.3	
1,1-Dichloroethylene	<0.3	
2,4-Dinitrotoluene	<5.0	
Heptachlor	<0.0007	
Hexachlorobenzene	<5.0	
Hexachloro-1,3-butadiene	<7.0	
Hexachloroethane	<10.0	
Methyl ethyl ketone	<0.5	
Nitrobenzene	<20	
Pentachlorophenol	<30	
Pyridine	<20	
Tetrachloroethylene	<0.3	
2,4,5-Trichlorophenol	<40	
2,4,6-Trichlorophenol	<40	
Vinyl Chloride	<0.5	
Arsenic	<1.0	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	2	
Mercury	<0.03	
Selenium	<0.6	
Silver	<0.5	
Endrin	<0.007	
Lindane	<0.0007	
Methoxychlor	<0.007	
Toxaphene	<0.01	
2,4-D	<0.1	
2,4,5-TP (Silvex)	<0.0	

(cont)

Recommended Disposal: Blend and recycle or dispose as D001 and F003 hazardous waste.

Note: Due to the uncertainty of the original material's composition or its subsequent use, the above waste codes may or may not be completely accurate.

DRUM G273

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	114.8 degrees F	D001 (if disposed)
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.7	
Major Components	Top 58% Oil Bottom 42% ethylene glycol and water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose ethylene glycol through DRMO.

DRUM G274

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	<140 degrees F	Yes
Major Components:	Ethyl Alcohol and Water	

Recommended Disposal: Use or dispose through DRMO.

DRUM G275 - Upside down, could not upright because of space. Was not sampled.

DRUM G276

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	114.8	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G277

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	13	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G278

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.8	
Major Components	Top 71% Transmission Fluid Bottom 29% ethylene glycol and water	

Recommended Disposal: Separate fluid from ethylene glycol and water. Use fluid for energy recovery. Use or dispose ethylene glycol through DRMO.

DRUM G279

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	89.6 degrees F	D001
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.3	
Major Components	Top 71% Petroleum Distillate similar to paint thinner Bottom 29% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<0.5	
Carbon tetrachloride	<0.5	
Chlordane	<0.01	
Chlorobenzene	<0.5	
Chloroform	<0.5	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	NP	
1,2-Dichloroethane	<0.5	
1,1-Dichloroethylene	<0.5	
2,4-Dinitrotoluene	NP	
Heptachlor	<0.001	
Hexachlorobenzene	NP	
Hexachloro-1,3-butadiene	NP	
Hexachloroethane	NP	
Methyl ethyl ketone	39	
Nitrobenzene	NP	
Pentachlorophenol	NP	
Pyridine	NP	
Tetrachloroethylene	<0.5	
2,4,5-Trichlorophenol	NP	
2,4,6-Trichlorophenol	NP	
Vinyl Chloride	<1.0	
Arsenic	<0.4	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.01	
Selenium	<0.5	
Silver	<0.5	
Endrin	<0.01	
Lindane	<0.001	
Methoxychlor	<0.01	
Toxaphene	<0.02	
2,4-D	<0.1	
2,4,5-TP (Silvex)	<0.04	

Recommended Disposal: Dispose as D001 hazardous waste.

DRUM G280, 281, 419

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	<68 degrees F	D001
Major Components	36% Xylenes	F003
	28% C8-C12 Hydrocarbons	
	17% Toluene	F005
	11% Ethylbenzene	F003
	5% Unknown	
	3% C9H12 Alkylbenzene	

Recommended Disposal: Dispose as D001, F003, and F005 hazardous waste.

DRUM G282

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G283

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	100% Hydraulic Fluid	

Recommended Disposal: Use fluid for energy recovery.

DRUM G284

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	100% Oil	

Recommended Disposal: Use oil for energy recovery.

DRUM G285, 286

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	64.4	degrees F	Yes
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	130	ppm	Yes
Total Organic Halogens	400	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Blend and use for energy recovery or dispose as D001 hazardous waste.

DRUM G287, 288, 289, 290

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	125.6 degrees F	D001 (if disposed)
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.6	
Major Components	Top 37% Oil Bottom 63% ethylene glycol and water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose ethylene glycol through DRMO.

DRUM G291

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	8.0	
Major Components	Top 40% Hydraulic Fluid Bottom 60% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

(water phase)

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<0.3	
Carbon tetrachloride	<0.3	
Chlordane	<0.02	
Chlorobenzene	<0.3	
Chloroform	<0.3	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<10.0	
1,2-Dichloroethane	<0.3	
1,1-Dichloroethylene	<0.3	
2,4-Dinitrotoluene	<6.0	
Heptachlor	<0.008	
Hexachlorobenzene	<7.0	
Hexachloro-1,3-butadiene	<9.0	
Hexachloroethane	<10.0	
Methyl ethyl ketone	<0.5	
Nitrobenzene	<20	
Pentachlorophenol	<40	
Pyridine	<30	
Tetrachloroethylene	<0.3	
2,4,5-Trichlorophenol	<60	
2,4,6-Trichlorophenol	<50	
Vinyl Chloride	<0.5	
Arsenic	6	D004
Barium	<5.0	

Cadmium	<0.2	
Chromium	<2.0	
Lead	4	
Mercury	<0.03	
Selenium	2.6	D010
Silver	<0.5	
Endrin	<0.02	
Lindane	<0.002	
Methoxychlor	<0.02	
Toxaphene	<0.04	
2,4-D	<0.8	
2,4,5-TP (Silvex)	<0.2	

Recommended Disposal: Separate Dispose as D004 and D010 hazardous waste.

DRUM G292

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery**DRUM G293**

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G294

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	8.0	
Major Components	Top 95% Oil Bottom 5% Ethylene Glycol and Water	

Recommended Disposal: Energy Recovery

DRUM G295

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	14	ppm	
Total Organic Halogens	400	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G296

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	84	ppm	
Total Organic Halogens	1300	ppm	Yes

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Blend and use for energy Recovery

DRUM G297, 298

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	114.8 degrees F	D001 (if disposed)
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	8.0	
Major Components	Top 65% Oil Bottom 35% ethylene glycol and water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose ethylene glycol through DRMO.

DRUM G299

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G300

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	120	ppm	Yes
Total Organic Halogens	1400	ppm	Yes

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G301

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	107.6 degrees F	D001 (if disposed)
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.7	
Major Components	Top 13% Oil Bottom 87% ethylene glycol and water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose ethylene glycol through DRMO.

DRUM G302, 303

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.9	
Major Components	Top 80% Hydraulic Fluid Bottom 20% ethylene glycol and water	

Recommended Disposal: Separate fluid from ethylene glycol and water. Use fluid for energy recovery. Use or dispose ethylene glycol through DRMO.

DRUM G305

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	75.2 degrees F	D001
Major Components	54% Xylenes 20% C8-C12 Aliphatic Hydrocarbons 16% Ethylbenzene 8% Toluene 2% Methyl Propanol	F003 F003 F005

Recommended Disposal: Dispose as D001, F003 and F005 hazardous waste.

DRUM G307, 308, 309, 310 - Tar - sample not taken

DRUM G311, 312, 313, 314

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	111.2	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G315, 316, 317, 318

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	107.6	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G319, 320, 321

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	104	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G322

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	<60.8	degrees F	Yes
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Blend and use for Energy Recovery or dispose as D001 hazardous waste.

DRUM G323-338 - New Material - Danish Paint

DRUM G339 - Dried Latex Paint

DRUM G340

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G341

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	<68	degrees F	Yes
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	25	ppm	
Total Organic Halogens	82,000	ppm	Yes

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Dispose as waste oil contaminated with halogenated organic solvents.

DRUM G342, 343, 344, 345

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	105.8	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	400	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G346, 347

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	107.6	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G348, 349 - Drums upside down could not upright. Sample not taken.

DRUM G350, 355, 356, 365, 366

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup,	107.6	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Energy Recovery

DRUM G351

ANALYSIS	RESULTS	EXCEEDS LIMIT
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Flash Point	>89.6 degrees F*	
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* Flash Point test terminated due to excessive smoke and fume above test cup, strong ammonia odor.

Major Components	65% Ethanol	
	8% C22H46 Hydrocarbon	
	7% C23H48 hydrocarbon	
	6% C24H50 Hydrocarbon	
	5% C21H44 Hydrocarbon	
	5% C25H52 Hydrocarbon	
	4% C26H54 Hydrocarbon	

Recommended Disposal: Dispose as waste containing the above constituents.

DRUM G352, 353, 354, 354A - New Material - Asphalt

DRUM G357-364 - New Material - Danish Paint

DRUM G367

ANALYSIS	RESULTS	EXCEEDS LIMIT
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Flash Point	82.4 degrees F	D001
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Major Components	100% water soluble paint containing paint solids and petroleum distillate (C7-C11 hydrocarbons.	
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Recommended Disposal: Dispose through DRMO as D001 hazardous waste.

DRUM G370, 375, 376, and 377

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	100% Synthetic Oil	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.

DRUM G373

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	100% Oil	

Recommended Disposal: Use oil for energy recovery.

DRUM G382, 381, 379, 380

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Corrosive	
Hydrogen Ion (pH)	13.1	D002
Major Components	Top 86% Oil Bottom 14% Corrosive Liquid	

Recommended Disposal: Dispose as D002 hazardous waste through DRMO.

DRUM G383, 384, 385, 386

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	120.2	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.**DRUM G387, 388, 389, 390**

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	116.6	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	3	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.

DRUM G391, 392, 393, 394

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	116.6	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.

DRUM G395, 396

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	118.4	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.

DRUM G397

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	114.8 degrees F	D001
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	8.4	
Major Components	100% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<0.08	
Carbon tetrachloride	<0.08	
Chlordane	<0.05	
Chlorobenzene	<0.08	
Chloroform	<0.08	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	NP	
1,2-Dichloroethane	<0.08	
1,1-Dichloroethylene	<0.08	
2,4-Dinitrotoluene	NP	
Heptachlor	<0.005	
Hexachlorobenzene	NP	
Hexachloro-1,3-butadiene	NP	
Hexachloroethane	NP	
Methyl ethyl ketone	<0.5	
Nitrobenzene	NP	
Pentachlorophenol	NP	
Pyridine	NP	
Tetrachloroethylene	<0.08	
2,4,5-Trichlorophenol	NP	
2,4,6-Trichlorophenol	NP	
Vinyl Chloride	<0.2	
Arsenic	3	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.03	
Selenium	<0.6	
Silver	<0.5	
Endrin	<0.05	
Lindane	<0.005	
Methoxychlor	<0.05	
Toxaphene	<0.1	
2,4-D	0.4	
2,4,5-TP (Silvex)	<0.02	

Recommended Disposal: Dispose as D001 hazardous waste.

Note: During the survey, this waste was suspected to be some type of coolant, new material, rather than water.

DRUM G398

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	64.4	degrees F	D001
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	26,000	ppm	Yes

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Waste oil contaminated with halogenated organic solvents and D001 hazardous waste.

DRUM G399

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	68	degrees F	Yes
Arsenic	<0.3	ppm	
Cadmium	1.7	ppm	
Chromium	85	ppm	Yes
Lead	68	ppm	
Total Organic Halogens	1000	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Blend and use oil for energy recovery or dispose as D001 hazardous waste.

DRUM G402- New Material - Lube Oil

DRUM G404

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	134.6 degrees F	D001
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	6.0	
Major Components	100% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<0.08	
Carbon tetrachloride	<0.08	
Chlordane	<0.01	
Chlorobenzene	<0.08	
Chloroform	<0.08	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<0.2	
1,2-Dichloroethane	<0.08	
1,1-Dichloroethylene	<0.08	
2,4-Dinitrotoluene	<0.05	
Heptachlor	<0.001	
Hexachlorobenzene	<0.05	
Hexachloro-1,3-butadiene	<0.05	
Hexachloroethane	<0.05	
Methyl ethyl ketone	<0.5	
Nitrobenzene	<0.2	
Pentachlorophenol	<5.0	
Pyridine	<0.2	
Tetrachloroethylene	<0.08	
2,4,5-Trichlorophenol	<0.5	
2,4,6-Trichlorophenol	<0.5	
Vinyl Chloride	<0.2	
Arsenic	3	
Barium	<5.0	
Cadmium	1.6	D006
Chromium	2	
Lead	3	
Mercury	<0.03	
Selenium	3.0	D010
Silver	<0.5	
Endrin	<0.01	
Lindane	<0.001	
Methoxychlor	<0.01	
Toxaphene	<0.02	
2,4-D	<0.1	
2,4,5-TP (Silvex)	<0.02	

Recommended Disposal: Dispose as D006 and D010 hazardous waste.

Note: During survey waste appeared to be water. Flash Point results are questionable.

DRUM G405

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	No
Major Components:	Cyclohexylamine and Water	

Disposal: New material - Use or dispose as Cyclohexylamine

DRUM G406, 407, 408

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	0.4	ppm	
Chromium	<3.0	ppm	
Lead	19	ppm	
Total Organic Halogens	300	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.

DRUM G409, 410

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	136.4 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	6.7	
Major Components	Top 64% Oil Bottom 36% ethylene glycol and water	

Recommended Disposal: Separate oil from ethylene glycol and water. Use oil for energy recovery. Use or dispose ethylene glycol through DRMO.

DRUM G411

ANALYSIS	RESULTS	EXCEEDS LIMIT
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Flash Point (closed cup)	-	
Major Components:	Butyl Cellosolve and Ethanolamine	

Note: The material is new and unused, and is probably a cleaning concentrate.

Disposal: Use or dispose as new material through DRMO.

DRUM G412

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
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Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	400	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.

DRUM G413

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	No
Major Components:	Cyclohexylamine and Water	

Disposal: Use or dispose through DRMO.

DRUM G415

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	No
Major Components:	Cyclohexylamine and Water	

Disposal: Use or dispose through DRMO

DRUM G417 - Could not open drum. No sample taken.

DRUM G418

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	<59 degrees F	D001
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	8.3	
Major Components	Top 31% Petroleum Hydrocarbons Bottom 69% ethylene glycol and water	

Recommended Disposal: Dispose as D001 hazardous waste.

DRUM G422

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.

DRUM G423, 425, 426, 444

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	73.4	degrees F	Yes
Arsenic	<0.3	ppm	
Cadmium	1.5	ppm	
Chromium	70	ppm	Yes
Lead	140	ppm	Yes
Total Organic Halogens	1200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Blend and use oil for energy recovery.

DRUM G424 New Material - Deicing Fluid

DRUM G427 New Material - Antifreeze

DRUM G428

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	127.4	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	88	ppm	
Total Organic Halogens	700	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.

DRUM G429

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	9.0	
Major Components	100% Water with solvent	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<400	
Carbon tetrachloride	<400	
Chlordane	NP	
Chlorobenzene	<400	
Chloroform	<400	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	NP	
1,2-Dichloroethane	<400	
1,1-Dichloroethylene	<400	
2,4-Dinitrotoluene	NP	
Heptachlor	NP	
Hexachlorobenzene	NP	
Hexachloro-1,3-butadiene	NP	
Hexachloroethane	NP	
Methyl ethyl ketone	<2000	
Nitrobenzene	NP	
Pentachlorophenol	NP	
Pyridine	NP	
Tetrachloroethylene	27000	D039
2,4,5-Trichlorophenol	NP	
2,4,6-Trichlorophenol	NP	
Vinyl Chloride	<700	
Arsenic	4	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.03	
Selenium	<0.6	
Silver	<0.5	
Endrin	NP	
Lindane	NP	
Methoxychlor	NP	
Toxaphene	NP	
2,4-D	NP	
2,4,5-TP (Silvex)	NP	

Recommended Disposal: Dispose as D039 hazardous waste.

DRUM G430

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	98.6 degrees F	D001
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	8.8	
Major Components	Top 89% Water Bottom 8%, 87% Butyl Carbitol 8% Tetrachloroethene 3% Unknown 2% Chlorooctane	F001

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L,	EXCEEDS LIMIT
Benzene	<300	
Carbon tetrachloride	<300	
Chlordane	<0.05	
Chlorobenzene	<300	
Chloroform	<300	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	NP	
1,2-Dichloroethane	<300	
1,1-Dichloroethylene	<300	
2,4-Dinitrotoluene	NP	
Heptachlor	<0.005	
Hexachlorobenzene	NP	
Hexachloro-1,3-butadiene	NP	
Hexachloroethane	NP	
Methyl ethyl ketone	<700	
Nitrobenzene	NP	
Pentachlorophenol	NP	
Pyridine	NP	
Tetrachloroethylene	27000	D039
2,4,5-Trichlorophenol	NP	
2,4,6-Trichlorophenol	NP	
Vinyl Chloride	<600	
Arsenic	3	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.03	
Selenium	<0.6	
Silver	<0.5	
Endrin	<0.05	
Lindane	<0.005	
Methoxychlor	<0.05	
Toxaphene	<0.1	
2,4-D	NP	
2,4,5-TP (Silvex)	NP	

Recommended Disposal: Dispose as D001, F001, and D039 hazardous waste.

DRUM G431 New Material - Hydraulic Fluid

DRUM G432

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	-	
Major Components:	Petroleum Distillate	

Disposal: Energy Recovery

DRUM G433 New Material - Oil

DRUM G434 New Material - Antifreeze

DRUM G434A

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	No
Major Components:	Ethylene Glycol and Water	

Disposal: Use, recycle, or dispose through DRMO

DRUM G435, 436, 437 New Material - Oil Small amounts only in 436 and 437

DRUM G438

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	111.2	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	110	ppm	Yes
Total Organic Halogens	1300	ppm	Yes

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Blend and use oil for energy recovery.

DRUM G439

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	3	ppm	
Lead	7	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.

DRUM G451

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>98.6 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	9.0	

Major Components: Don't know. Waste is some kind of thick yellow substance.

DRUM G452

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	-	
Major Components:	Ethylene Glycol, Isopropanol, and Water	

Disposal: Use, recycle, or dispose through DRMO.

DRUM G453

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	
Major Components:	Cyclohexylamine and Water	

Disposal: Use or dispose through DRMO.

DRUM G454

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	3	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.

DRUM G455

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	78.8	degrees F	D001 (if disposed)
Arsenic	<0.3	ppm	
Cadmium	1.9	ppm	
Chromium	76	ppm	Yes
Lead	62	ppm	
Total Organic Halogens	500	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Blend and use oil for energy recovery or dispose as D001 and D007 hazardous waste.

DRUM G456 New Material - Tar**DRUM G458**

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	113	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	3	ppm	
Lead	120	ppm	Yes
Total Organic Halogens	18,000	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<30.0	mg/kg
Aroclor 1221	<30.0	mg/kg
Aroclor 1232	<30.0	mg/kg
Aroclor 1242	<30.0	mg/kg
Aroclor 1248	<30.0	mg/kg
Aroclor 1254	<30.0	mg/kg
Aroclor 1260	<30.0	mg/kg

< - indicates none detected and the detection limits

Detection limit was raised due to matrix interference.

Recommended Disposal: Dispose as waste oil contaminated with halogenated organic solvents and as D008 hazardous waste.

DRUM G460

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.

DRUM G461

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	96.8	degrees F	Yes
Arsenic	<0.3	ppm	
Cadmium	1.8	ppm	
Chromium	54	ppm	Yes
Lead	57	ppm	
Total Organic Halogens	700	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	<2.0	mg/kg	
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	<2.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Blend and use oil for energy recovery.

DRUM O-1

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.8	
Major Components	Top 40% Motor Oil Bottom 60% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<0.5	
Carbon tetrachloride	<0.5	
Chlordane	<0.01	
Chlorobenzene	<0.4	
Chloroform	<0.4	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<0.5	
1,2-Dichloroethane	<0.4	
1,1-Dichloroethylene	<0.5	
2,4-Dinitrotoluene	<0.3	
Heptachlor	<0.001	
Hexachlorobenzene	<0.3	
Hexachloro-1,3-butadiene	<0.4	
Hexachloroethane	<0.6	
Methyl ethyl ketone	<0.9	
Nitrobenzene	<1.0	
Pentachlorophenol	<5.0	
Pyridine	<1.0	
Tetrachloroethylene	<0.5	
2,4,5-Trichlorophenol	<3.0	
2,4,6-Trichlorophenol	<2.0	
Vinyl Chloride	<0.9	
Arsenic	<1.0	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.03	
Selenium	<0.6	
Silver	<0.5	
Endrin	<0.01	
Lindane	<0.001	
Methoxychlor	<0.01	
Toxaphene	<0.02	
2,4-D	<0.8	
2,4,5-TP (Silvex)	<0.2	

Recommended Disposal: Separate oil from water. Use oil for energy recovery. Discharge water to the sanitary sewer.

DRUM 0-2 New Material - 5605 Hydraulic Fluid

DRUM 0-3

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	No
Major Components:	Water	

Disposal: Empty and dispose of the drum.

DRUM 0-7

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	No
Major Components:	Water	

Disposal: Empty and dispose of the drum

DRUM 0-8, 0-4, 0-5, 0-6, 0-9, 0-10

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	-	
Major Components:	Petroleum Distillate	

Disposal: Energy Recovery

DRUM 0-11

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	-	
Major Components:	Petroleum Distillate	

Disposal: Energy Recovery

DRUM 0-12

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	No
Major Components:	Water	

Disposal: Empty and dispose of the drum.

DRUM O-13

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	No
Major Components:	Water	
Disposal: Empty and dispose of the drum		

DRUM O-14

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	100.4 degrees F	D001
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.4	
Major Components	Top 71%, 95% C8-C15 Aliphatic hydrocarbons 2% C10-C14 Alkylbenzene 2% Methylnapthalene 1% C9H12 Alkylbenzene Bottom 29% Water	

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	.036	
Carbon tetrachloride	<6.0	
Chlordane	<0.01	
Chlorobenzene	<5.0	
Chloroform	<5.0	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<0.2	
1,2-Dichloroethane	<5.0	
1,1-Dichloroethylene	<5.0	
2,4-Dinitrotoluene	<0.05	
Heptachlor	<0.001	
Hexachlorobenzene	<0.05	
Hexachloro-1,3-butadiene	<0.05	
Hexachloroethane	<0.05	
Methyl ethyl ketone	<10.0	
Nitrobenzene	<0.2	
Pentachlorophenol	<5.0	
Pyridine	<0.2	
Tetrachloroethylene	<6.0	
2,4,5-Trichlorophenol	<0.5	
2,4,6-Trichlorophenol	<0.5	
Vinyl Chloride	<10.0	
Arsenic	<1.0	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	<2.0	
Mercury	<0.03	
Selenium	<0.6	
Silver	<0.5	
Endrin	<0.01	
Lindane	<0.001	
Methoxychlor	<0.01	
Toxaphene	<0.03	
2,4-D	<0.2	
2,4,5-TP (Silvex)	<0.04	

(con)

Recommended Disposal: Dispose as D001 hazardous waste.

DRUM O-15

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	98% Bis(2-ethylhexyl)phthalate 1% Methylene Chloride 1% Unknown	

Recommended Disposal: New Material. Use or dispose through DRMO as waste containing the above constituents.

DRUM O-17

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	-	
Major Components:	Petroleum Distillate and Ethylene Glycol	

Disposal: Energy Recovery or dispose through DRMO.

DRUM O-18 New Material - Tar

DRUM O-19, O-20, O-21, O-23, O-24 New Material - Soap

DRUM O-22

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	>140 degrees F	No
Major Components:	Water	

Disposal: Empty and dispose of the drum.

TANK A

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<30.0	mg/kg	
Aroclor 1221	<30.0	mg/kg	
Aroclor 1232	<30.0	mg/kg	
Aroclor 1242	<30.0	mg/kg	
Aroclor 1248	<30.0	mg/kg	
Aroclor 1254	<30.0	mg/kg	
Aroclor 1260	<30.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.

TANK B

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	<200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<30.0	mg/kg	
Aroclor 1221	<30.0	mg/kg	
Aroclor 1232	<30.0	mg/kg	
Aroclor 1242	<30.0	mg/kg	
Aroclor 1248	<30.0	mg/kg	
Aroclor 1254	<3.0	mg/kg	
Aroclor 1260	<30.0	mg/kg	

< - indicates none detected and the detection limits

Recommended Disposal: Use oil for energy recovery.

TANK C

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<0.3	
Carbon tetrachloride	<0.3	
Chlordane	<0.02	
Chlorobenzene	<0.3	
Chloroform	<0.3	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<0.6	
1,2-Dichloroethane	<0.3	
1,1-Dichloroethylene	<0.3	
2,4-Dinitrotoluene	<0.3	
Heptachlor	<0.002	
Hexachlorobenzene	<0.4	
Hexachloro-1,3-butadiene	<0.5	
Hexachloroethane	<0.6	
Methyl ethyl ketone	<0.5	
Nitrobenzene	<1.0	
Pentachlorophenol	<5.0	
Pyridine	<1.0	
Tetrachloroethylene	4.3	D039
2,4,5-Trichlorophenol	<3.0	
2,4,6-Trichlorophenol	<3.0	
Vinyl Chloride	<0.6	
Arsenic	<1.0	
Barium	<5.0	
Cadmium	<0.2	
Chromium	<2.0	
Lead	6	
Mercury	0.08	
Selenium	<0.6	
Silver	<0.5	
Endrin	<0.02	
Lindane	<0.002	
Methoxychlor	<0.02	
Toxaphene	<0.04	
2,4-D	<0.4	
2,4,5-TP (Silvex)	<0.08	

(cont)

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	6	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	12	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Dispose as D039 hazardous waste.

5000-GAL TANK

SW 846 METHOD 1311 - TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

CONSTITUENT	RESULTS (mg/L)	EXCEEDS LIMIT
Benzene	<0.09	
Carbon tetrachloride	<0.08	
Chlordane	NP	
Chlorobenzene	<0.08	
Chloroform	<0.08	
o-cresol	NP	
p-cresol	NP	
m-cresol	NP	
1,4-Dichlorobenzene	<0.2	
1,2-Dichloroethane	<0.09	
1,1-Dichloroethylene	<0.08	
2,4-Dinitrotoluene	<0.08	
Heptachlor	NP	
Hexachlorobenzene	<0.2	
Hexachloro-1,3-butadiene	<0.2	
Hexachloroethane	<0.2	
Methyl ethyl ketone	<0.5	
Nitrobenzene	<0.1	
Pentachlorophenol	<5.0	
Pyridine	<0.1	
Tetrachloroethylene	<0.08	
2,4,5-Trichlorophenol	<0.6	
2,4,6-Trichlorophenol	<0.5	
Vinyl Chloride	<0.2	
Arsenic	<0.02	
Barium	<0.3	
Cadmium	<0.02	
Chromium	<0.2	
Lead	<0.01	
Mercury	<0.001	
Selenium	<0.02	
Silver	<0.02	
Endrin	NP	
Lindane	NP	
Methoxychlor	NP	
Toxaphene	NP	
2,4-D	NP	
2,4,5-TP (Silvex)	NP	

Recommended Disposal: Use oil for energy recovery.

TANK 6.5

ANALYSIS	RESULTS	UNITS	EXCEEDS LIMIT
Flash Point (closed cup)	>140	degrees F	
Arsenic	<0.3	ppm	
Cadmium	<0.3	ppm	
Chromium	<3.0	ppm	
Lead	<3.0	ppm	
Total Organic Halogens	200	ppm	

EPA Method 600/4-81-045

PCB Screen (total)	None Detected	mg/kg	
Aroclor 1016	<2.0	mg/kg	
Aroclor 1221	<2.0	mg/kg	
Aroclor 1232	<2.0	mg/kg	
Aroclor 1242	6	mg/kg	Yes
Aroclor 1248	<2.0	mg/kg	
Aroclor 1254	<2.0	mg/kg	
Aroclor 1260	12	mg/kg	Yes

< - indicates none detected and the detection limits

Recommended Disposal: Above the PCB limit for energy recovery, but is not considered PCB contaminated material.

TANK 7

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	86 degrees F	D001
Corrosivity	Noncorrosive	
Hydrogen Ion (pH)	7.9	
Major Components	Top 48% Gasoline Bottom 52% water	

Recommended Disposal: Separate gasoline from water. Use gasoline or dispose as D001 hazardous waste. Discharge water to the sanitary sewer.

TANK K

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point (closed cup)	104 degrees F	D001 (if disposed)
Major Components	100% oil/gasoline mixture	
EPA Method 600/4-81-045		

PCB Screen (total)	None Detected	mg/kg
Aroclor 1016	<2.0	mg/kg
Aroclor 1221	<2.0	mg/kg
Aroclor 1232	<2.0	mg/kg
Aroclor 1242	<2.0	mg/kg
Aroclor 1248	<2.0	mg/kg
Aroclor 1254	<2.0	mg/kg
Aroclor 1260	<2.0	mg/kg

< - indicates none detected and the detection limits

Recommended Disposal: Use for Energy Recovery or dispose as D001 hazardous waste.

DRUM F-1, F-2, F-3, F-4, F-5, F-6, F-7, F-8, F-24, F-25

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	72% C12H14 Alkylnaphthalene 28% Acenaphthalene	

Recommended Disposal: New Material - Use or Dispose through DRMO.

DRUM F-9, F-10, F-11, F-12, F-13

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	82% C9-C16 Aliphatic Hydrocarbons	
	14% Methylene Chloride	F001
	4% Tetrachloroethene	F001

Recommended Disposal: New Material - Use or Dispose through DRMO as F001 hazardous waste.

DRUM F-14, F-15

ANALYSIS	RESULTS	EXCEEDS LIMIT
Flash Point	>140 degrees F	
Major Components	17% Methylnaphthalene 15% Phenanthrene 9% Acenaphthene 9% Miscellaneous Polynuclear Aromatic Hydrocarbons 7% Naphthalene 7% Fluoranthene 6% Pyrene 5% C12H12 Alkyl naphthalene 5% Dibenzofuran 5% Fluorene 3% Isoquinoline 2% Biphenyl 2% Methylphenanthrene 2% C17H12 Polynuclear Aromatic Hydrocarbons 1% Indene 1% Indole 1% Methylacenaphthene 1% Bibenzothiophene 1% Anthracene	

Recommended Disposal: New Material - Dispose through DRMO as waste containing the above constituents.

DRUM F-16, F-17, F-18, F-19, F-20, F-21, F-22, F-23 - Rocks

Site: Landfill Leachate

ANALYSIS	RESULTS	EXCEEDS LIMIT
EPA 601 - Purgeable Halocarbons		
Bromodichloromethane	<0.4 µg/L	
Bromoform	<0.7 µg/L	
Carbon Tetrachloride	<0.5 µg/L	
Chlorobenzene	<0.6 µg/L	
Chloroethane	<0.9 µg/L	
Chloroform	<0.3 µg/L	
Chloromethane	<0.8 µg/L	
Chlorodibromomethane	<0.5 µg/L	
1,2-Dichlorobenzene	<1.0 µg/L	
1,3-Dichlorobenzene	<0.5 µg/L	
1,4-Dichlorobenzene	<0.7 µg/L	
Dichlorodifluoromethane	<0.9 µg/L	
1,1-Dichloroethane	<0.4 µg/L	
1,2-Dichloroethane	<0.3 µg/L	
1,1-Dichloroethene	<0.3 µg/L	
trans-1,2-Dichloroethene	<0.5 µg/L	
1,2-Dichloropropane	<0.3 µg/L	
cis-1,3-dichloropropene	<0.5 µg/L	
trans-1,3-Dichloropropene	<0.5 µg/L	
Methylene Chloride	68 µg/L	
1,1,2,2-Tetrachloroethane	<0.5 µg/L	
Tetrachloroethylene	<0.6 µg/L	
1,1,1-Trichloroethane	<0.5 µg/L	
1,1,2-Trichloroethane	<0.5 µg/L	
Trichloroethylene	<0.5 µg/L	
Trichlorofluoromethane	120 µg/L	
Vinyl Chloride	<0.9 µg/L	
Bromomethane	<0.9 µg/L	
2-Chloroethylvinyl Ether	<0.9 µg/L	

< - Signifies none detected and the detection limit.

ANALYSIS	RESULTS	EXCEEDS LIMIT
EPA 602 - Purgeable Aromatic Hydrocarbons		
1,3-Dichlorobenzene	<0.5 µg/L	
1,4-Dichlorobenzene	<0.7 µg/L	
Ethyl Benzene	.58 µg/L	
Chlorobenzene	<0.6 µg/L	
Toluene	1.7 µg/L	
Benzene	<0.5 µg/L	
1,2-Dichlorobenzene	<1.0 µg/L	

< - signifies none detected and the detection limit.

Site: Bay in the vicinity of the sewage outfall

EPA 601 - Purgeable Halocarbons

Bromodichloromethane	<0.4 µg/L
Bromoform	<0.7 µg/L
Carbon Tetrachloride	<0.5 µg/L
Chlorobenzene	<0.6 µg/L
Chloroethane	<0.9 µg/L
Chloroform	<0.3 µg/L
Chloromethane	<0.8 µg/L
Chlorodibromomethane	<0.5 µg/L
1,2-Dichlorobenzene	<1.0 µg/L
1,3-Dichlorobenzene	<0.5 µg/L
1,4-Dichlorobenzene	<0.7 µg/L
Dichlorodifluoromethane	<0.9 µg/L
1,1-Dichloroethane	<0.4 µg/L
1,2-Dichloroethane	<0.3 µg/L
1,1-Dichloroethene	<0.3 µg/L
trans-1,2-Dichloroethene	<0.5 µg/L
1,2-Dichloropropane	<0.3 µg/L
cis-1,3-dichloropropene	<0.5 µg/L
trans-1,3-Dichloropropene	<0.5 µg/L
Methylene Chloride	69 µg/L
1,1,2,2-Tetrachloroethane	<0.5 µg/L
Tetrachloroethylene	<0.6 µg/L
1,1,1-Trichloroethane	<0.5 µg/L
1,1,2-Trichloroethane	<0.5 µg/L
Trichloroethylene	<0.5 µg/L
Trichlorofluoromethane	128 µg/L
Vinyl Chloride	<0.9 µg/L
Bromomethane	<0.9 µg/L
2-Chloroethylvinyl Ether	<0.9 µg/L

ANALYSIS	RESULTS	EXCEEDS LIMIT
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EPA 602 - Purgeable Aromatic Hydrocarbons

1,3-Dichlorobenzene	<0.5 µg/L
1,4-Dichlorobenzene	<0.7 µg/L
Ethyl Benzene	.44 µg/L
Chlorobenzene	<0.6 µg/L
Toluene	1.6 µg/L
Benzene	<0.5 µg/L
1,2-Dichlorobenzene	<1.0 µg/L

< - signifies none detected and the detection limit.

ANALYSIS	RESULTS	EXCEEDS LIMIT
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EPA 200.7 - ICP Metals Screen

Arsenic	<100 $\mu\text{g/L}$
Barium	<100 $\mu\text{g/L}$
Beryllium	<100 $\mu\text{g/L}$
Cadmium	<100 $\mu\text{g/L}$
Calcium	321.8 $\mu\text{g/L}$
Chromium	<100 $\mu\text{g/L}$
Copper	<100 $\mu\text{g/L}$
Iron	180 $\mu\text{g/L}$
Manganese	<100 $\mu\text{g/L}$
Nickel	<100 $\mu\text{g/L}$
Zinc	<100 $\mu\text{g/L}$
Aluminum	115 $\mu\text{g/L}$
Cobalt	<100 $\mu\text{g/L}$
Titanium	<100 $\mu\text{g/L}$
Vanadium	<100 $\mu\text{g/L}$
Molybdenum	<100 $\mu\text{g/L}$
Mercury	<100 $\mu\text{g/L}$
Magnesium	1025.6 $\mu\text{g/L}$